

Le 10/772,799

=> fil reg

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DICTIONARY FILE UPDATES: 7 JAN 2007 HIGHEST RN 916885-50-2

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on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d his ful

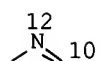
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L1          STR  
L2          11 SEA SSS FUL L1  
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L3          2 SEA ABB=ON PLU=ON L2  
            D SCAN TI
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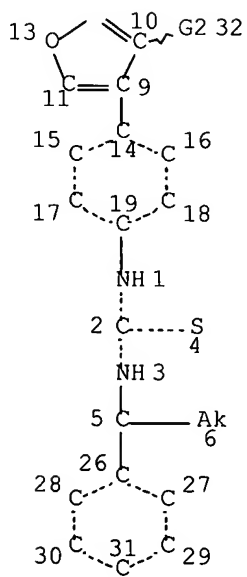
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L1          STR
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Ak @33



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Page 2-A



Page 3-A

VAR G1=X/H

VAR G2=33/CY

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

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GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

L2 11 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 16 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:25:55 ON 08 JAN 2007
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DICTIONARY FILE UPDATES: 7 JAN 2007 HIGHEST RN 916885-50-2

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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

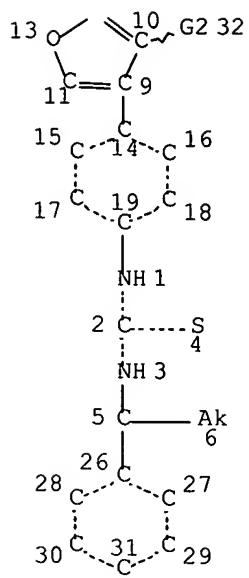
<http://www.cas.org/ONLINE/UG/regprops.html>

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L1 STR

Ak @33

12
N
10



Page 2-A

G1 8

Page 3-A

VAR G1=X/H

VAR G2=33/CY

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

L2 11 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 16 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

=> fil caplus

FILE 'CAPLUS' ENTERED AT 11:26:00 ON 08 JAN 2007

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FILE COVERS 1907 - 8 Jan 2007 VOL 146 ISS 3
FILE LAST UPDATED: 7 Jan 2007 (20070107/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que nos l3

L1 STR
L2 11 SEA FILE=REGISTRY SSS FUL L1
L3 2 SEA FILE=CAPLUS ABB=ON PLU=ON L2

=> d .ca hitstr l3 1-2

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:654779 CAPLUS Full-text
DOCUMENT NUMBER: 141:190783
TITLE: Preparation of isoxazole-containing thiourea
inhibitors useful for treatment of varicella zoster
virus
INVENTOR(S): Bloom, Jonathan David
PATENT ASSIGNEE(S): Wyeth Holdings Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 9 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

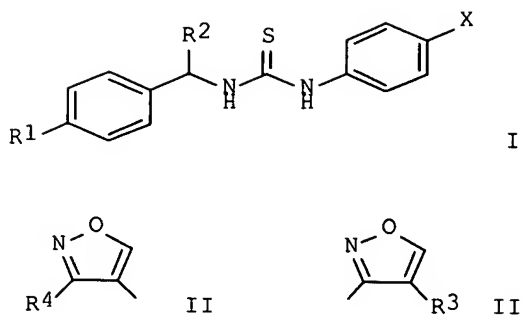
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2004157900	A1	20040812	US 2004-772799	20040205
WO 2004072052	A2	20040826	WO 2004-US3725	20040209
WO 2004072052	A3	20041111		
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RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-446602P P 20030211

OTHER SOURCE(S): MARPAT 141:190783

ED Entered STN: 13 Aug 2004

GI



AB The title compds. [I; R1 = halo, H; R2 = alkyl; X = II, III; R3 = alkyl, cycloalkyl, hydroxymethyl, etc.; R4 = alkyl which may be further substituted with (un)substituted Ph, cycloalkyl, pyridyl, etc.], useful for inhibiting replication of a herpes virus, were prepared E.g., a multi-step synthesis of 1-[4-(4-benzylisoxazol-3-yl)phenyl]-3-[1-(4-fluorophenyl)ethyl]thiourea (IV), was given. Seventeen title compds. I were prepared as described for IV, and tested for activity as herpes virus inhibitors (IC50 values against VZV, MTS, CMV, HSV and RSV were given).

IC ICM C07D261-02

ICS A61K031-42

INCL 514378000; 548240000

CC 28-6 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 1, 63

IT 736982-12-0P 736982-13-1P 736982-14-2P 736982-15-3P 736982-16-4P
 736982-17-5P 736982-18-6P 736982-19-7P
 736982-20-0P 736982-21-1P 736982-22-2P
 736982-23-3P 736982-24-4P 736982-25-5P
 736982-26-6P 736982-27-7P 736982-28-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of isoxazole-containing thiourea inhibitors useful for treatment of varicella zoster virus)

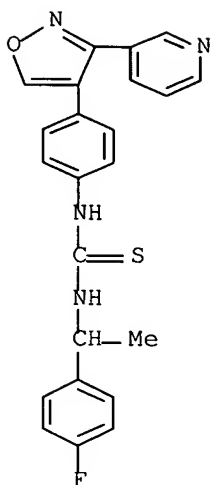
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 736982-27-7P 736982-28-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of isoxazole-containing thiourea inhibitors useful for treatment of varicella zoster virus)

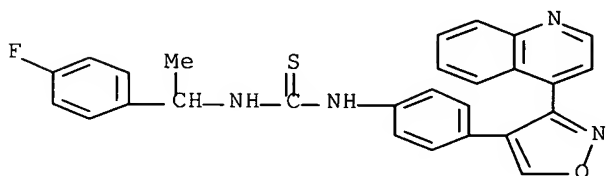
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CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(3-pyridinyl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



RN 736982-19-7 CAPLUS

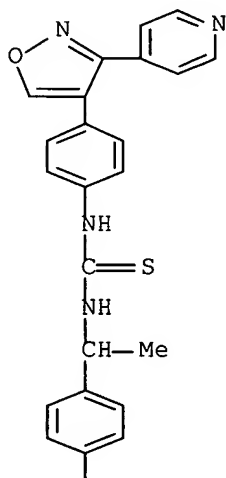
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RN 736982-20-0 CAPLUS

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PAGE 1-A

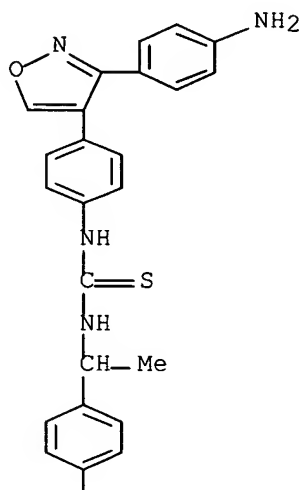


PAGE 2-A

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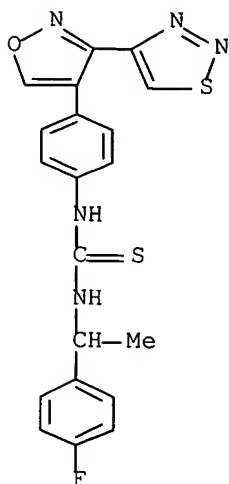
PAGE 1-A



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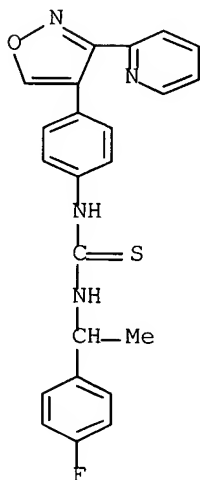
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RN 736982-22-2 CAPLUS
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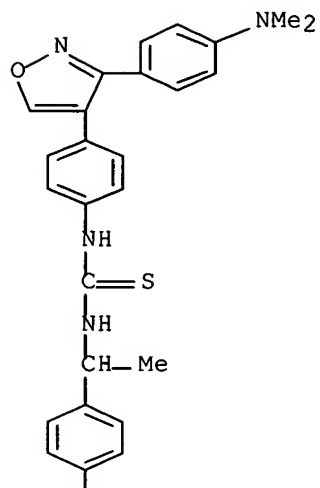
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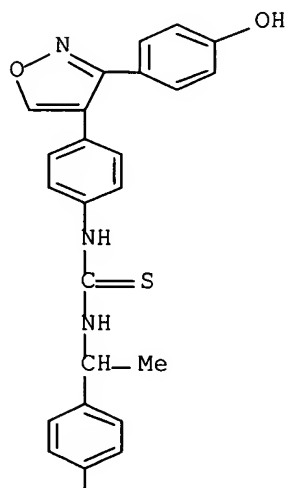
RN 736982-24-4 CAPLUS

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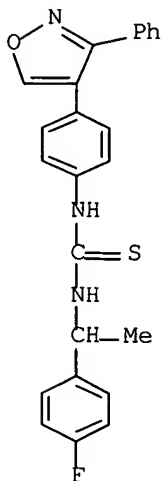
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RN 736982-25-5 CAPLUS
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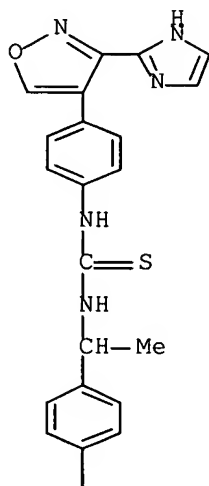
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RN 736982-26-6 CAPLUS

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(9CI) (CA INDEX NAME)

RN 736982-27-7 CAPLUS

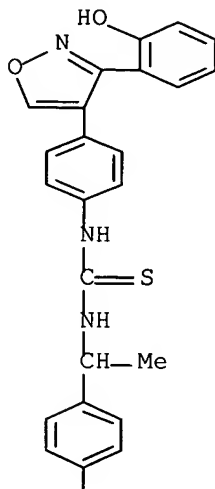
CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(1H-imidazol-2-yl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



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RN 736982-28-8 CAPLUS
CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(2-hydroxyphenyl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)

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PAGE 2-A

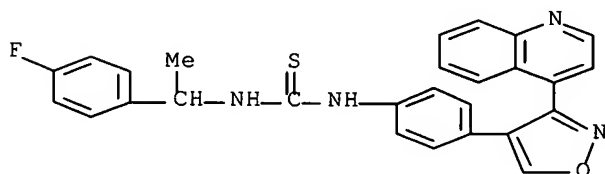
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L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:581022 CAPLUS Full-text
DOCUMENT NUMBER: 141:292118
TITLE: Thiourea inhibitors of herpesviruses. Part 3:
Inhibitors of varicella zoster virus
AUTHOR(S): Di Grandi, Martin J.; Curran, Kevin J.; Feigelson,
Gregg; Prashad, Amar; Ross, Adma A.; Visalli, Robert;
Fairhurst, Jeanette; Feld, Boris; Bloom, Jonathan D.
CORPORATE SOURCE: Wyeth Research, Pearl River, NY, 10965, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2004),
14(16), 4157-4160
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 141:292118
ED Entered STN: 21 Jul 2004
AB The preparation of α -methylbenzyl thioureas and their biol. activity against
varicella zoster virus is described. Several analogs demonstrated IC50s <0.1

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μM and their SAR are discussed. These compds. represent a novel class of potent and selective nonnucleoside inhibitors of varicella zoster virus.

CC 10-5 (Microbial, Algal, and Fungal Biochemistry)
 IT 62-56-6D, Thiourea, derivs. 273389-92-7 273390-57-1 273390-61-7
 273392-13-5 273392-38-4 273392-57-7 273392-67-9 273392-78-2
 273392-82-8 273394-77-7 273394-95-9 273394-97-1 273394-98-2
 273395-10-1 273395-13-4 273395-24-7 273395-27-0 273395-29-2
 273395-30-5 273395-31-6 273395-37-2 273395-40-7 273395-42-9
 273395-55-4 273395-59-8 274262-04-3 274262-73-6 736982-12-0
 736982-19-7 764723-07-1 764723-08-2 764723-09-3
 764723-10-6 764723-11-7
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (thiourea inhibitors of varicella zoster virus)
 IT 736982-19-7
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (thiourea inhibitors of varicella zoster virus)
 RN 736982-19-7 CAPLUS
 CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(4-quinolinyl)-4-
 isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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